

FIG. 2 PRIOR ART

FIG. 3A

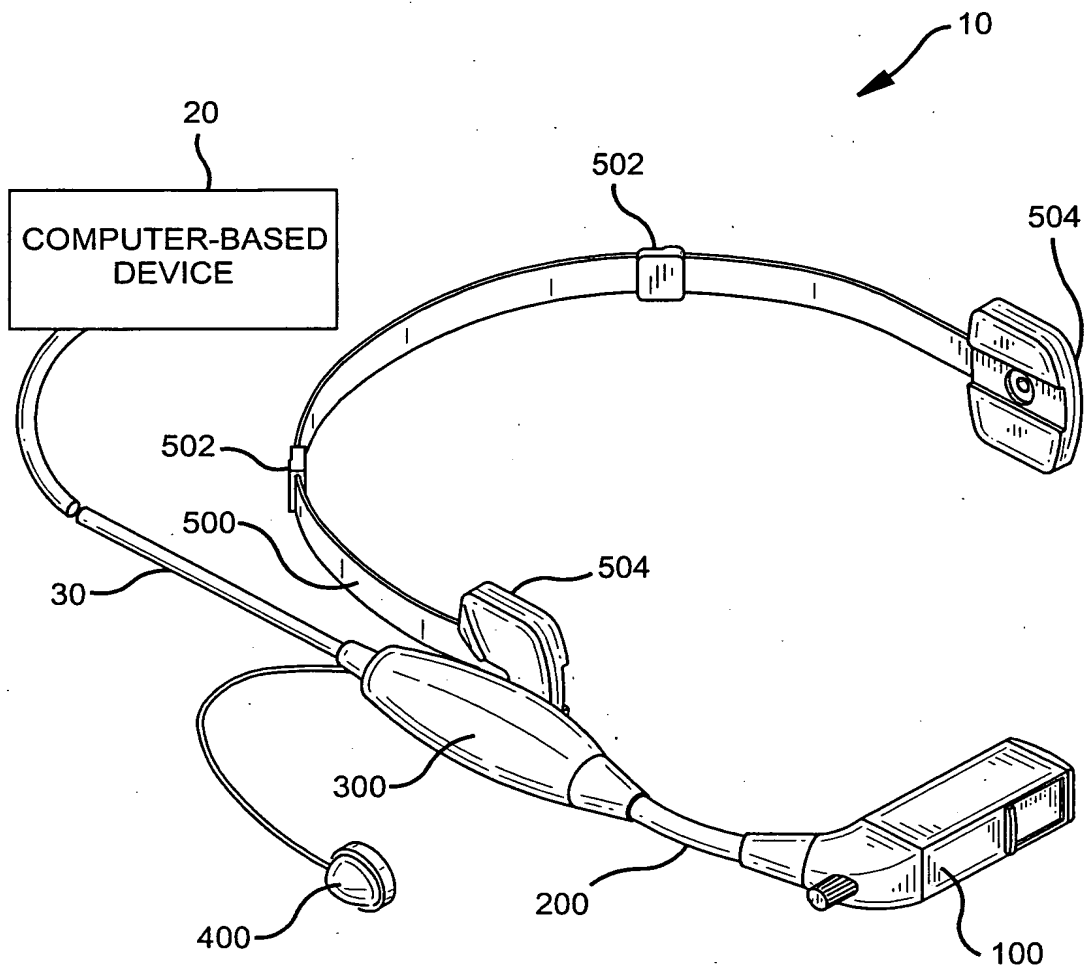


FIG. 3B

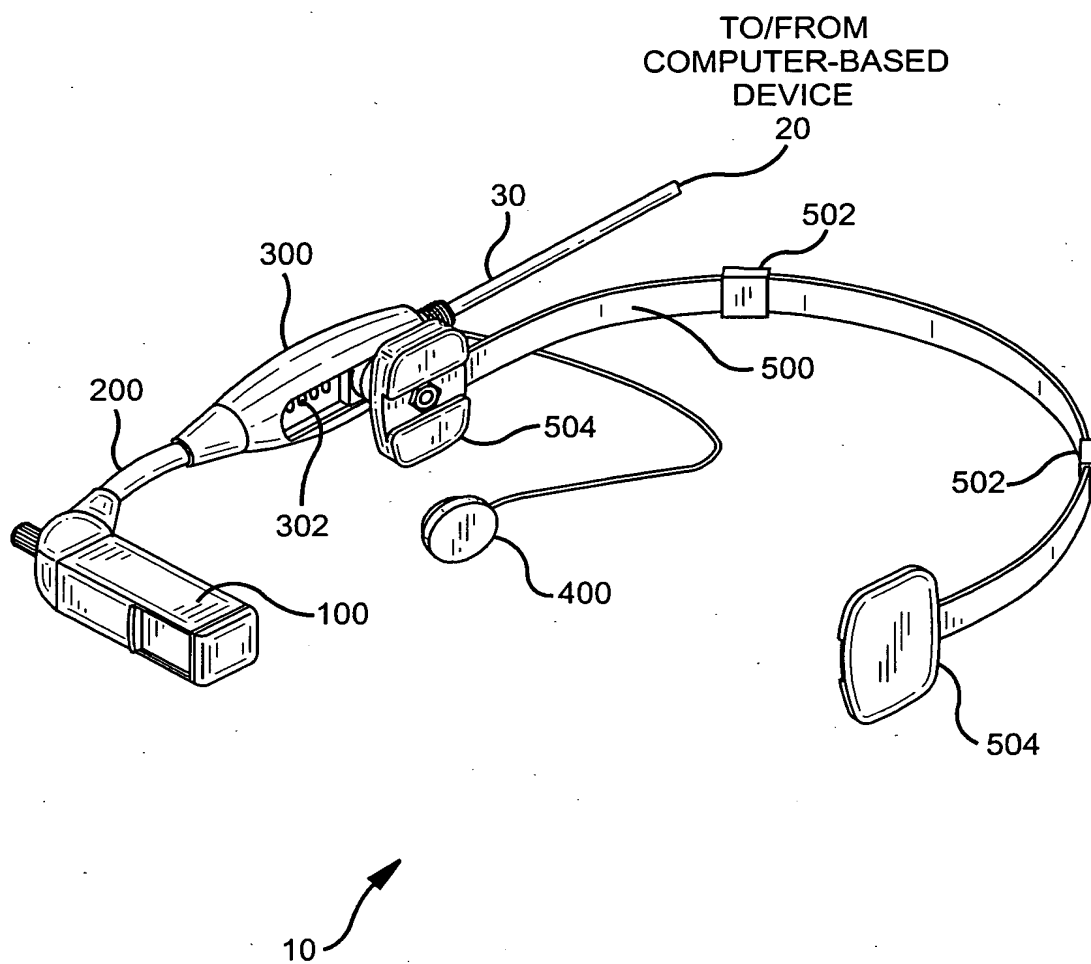


FIG. 4

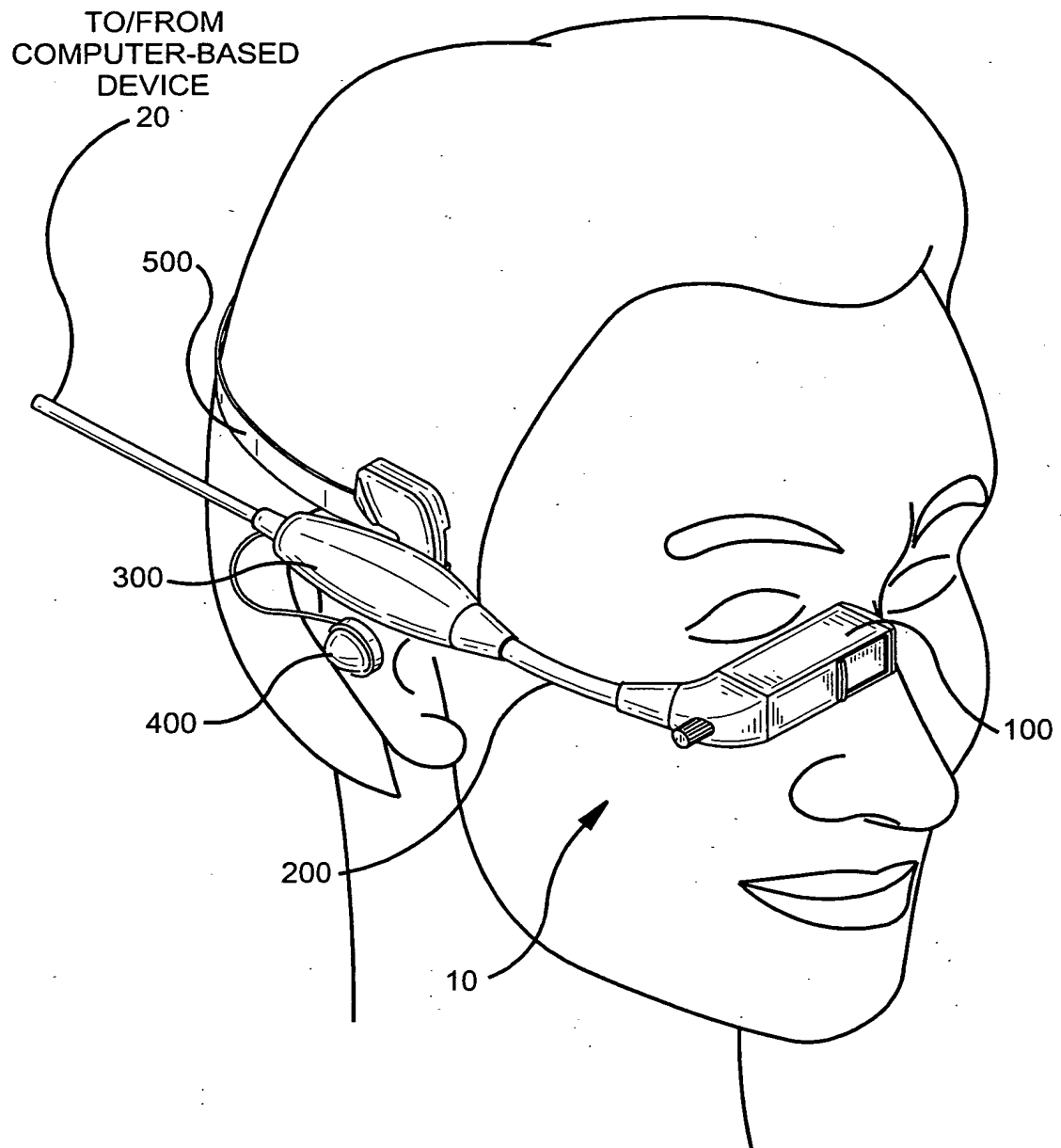


FIG. 5

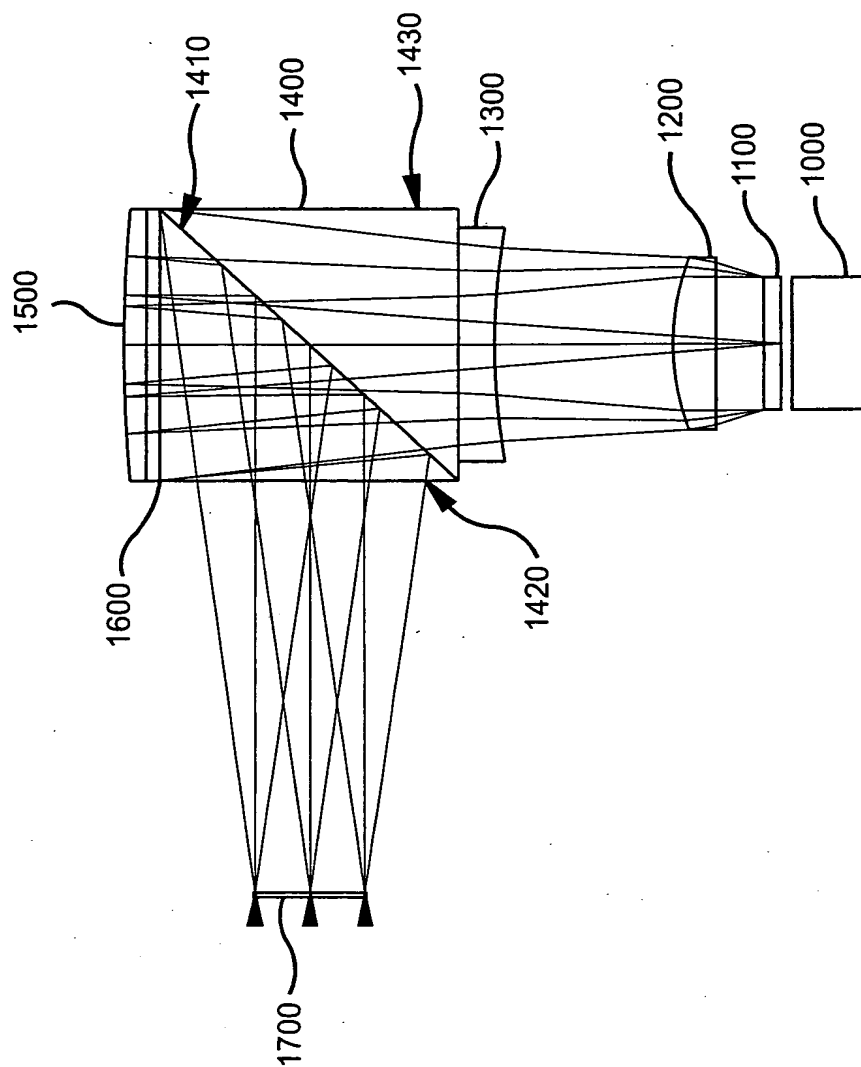


FIG. 6A

ASTIGMATISM
S x T +

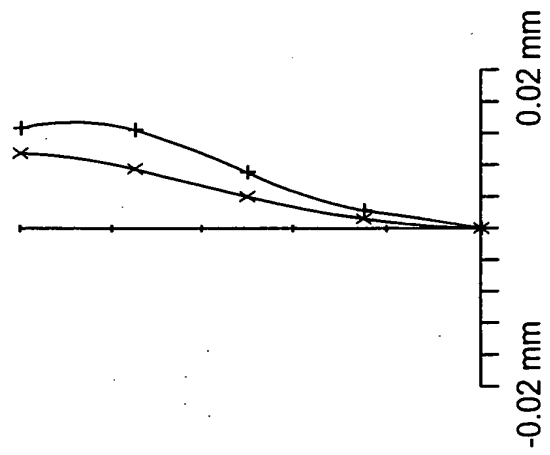


FIG. 6B

% DISTORTION

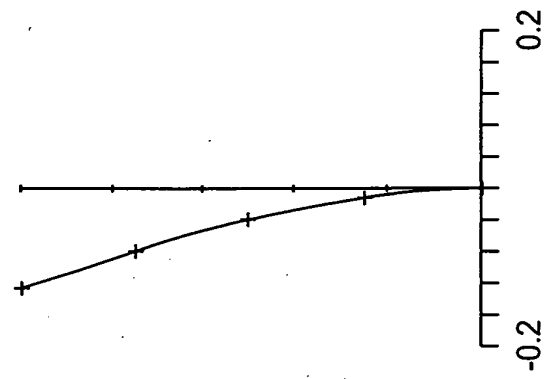


FIG. 6C

LATERAL COLOR
P + S x

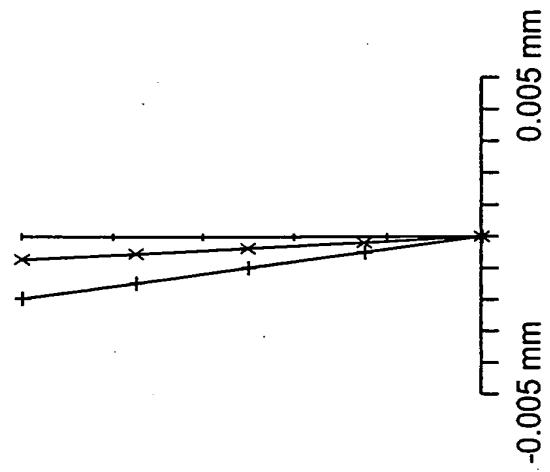


FIG. 7 LENS DATA

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>
	SRF	RADIUS	THICKNESS	APERTURE RADIUS	GLASS TYPE
	OBJ	--	-1.0000e+23	1.4375e+22	AIR
	AST	--	--	3.000000 AS	AIR
	2	--	0.000100	3.000000	BK7
	3	--	--	3.000000	AIR
	4	--	25.000000	3.000000	AIR
1400 {	5	--	8.250000	8.250000	BK7
	6	--	--	11.000000	REFLECT
	7	--	-8.250000	8.250000	BK7
1500 {	8	--	-2.000000	8.250000	BK7
	9	78.000000	--	8.250000	REFLECT
	10	--	2.000000	10.000000	BK7
1400 {	11	--	8.250000	8.250000 P	BK7
	12	--	8.250000	7.124729 S	BK7
	13	--	--	6.140874 S	AIR
1300 {	14	--	2.000000	6.140874 S	SF1
	15	42.500000	--	7.000000	AIR
	16	--	--	5.930217 S	AIR
	17	--	9.793505	5.930217 S	AIR
1200 {	18	15.300000	2.250000	5.139002 S	BK7
	19	-105.300000	--	4.761667 S	AIR
	20	--	1.712715	4.761667 S	AIR
	21	--	1.000000	4.285971 S	AIR
1100 {	22	--	0.900000	4.008228 S	BK7
	23	--	--	3.843427 S	BK7
	24	--	--	3.843427 S	AIR
	IMS	--	--	3.843427	

FIG. 8

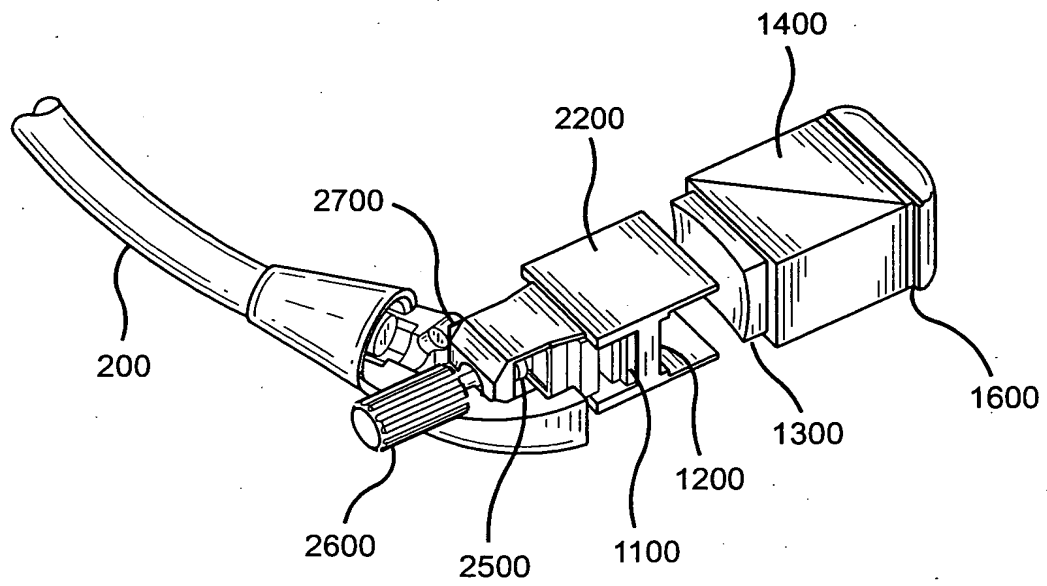


FIG. 9A

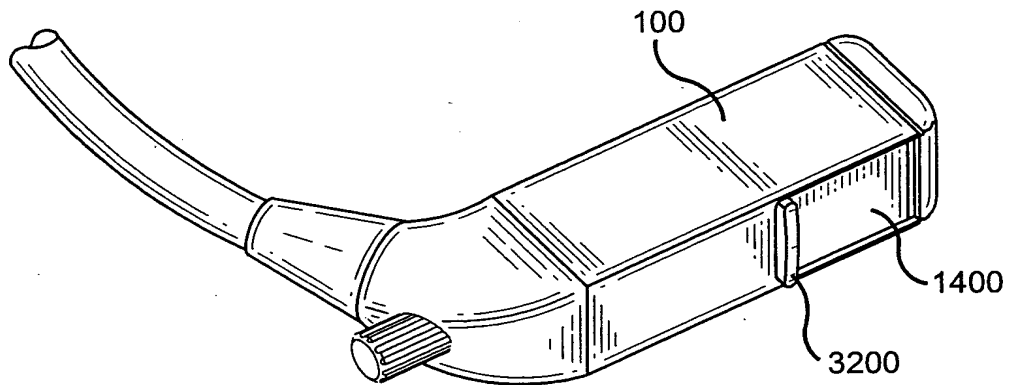


FIG. 9B

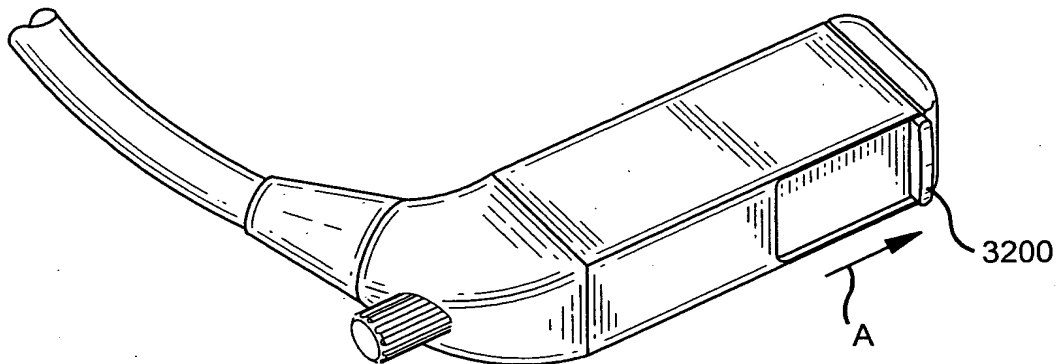


FIG. 10

